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PATENT
Atty. Docket No. PP-20030.003

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Nancy L. Swanson

10/19/2004
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: SHYAMALA, V.
Confirmation No.: 8395
U.S. Application No. 10/729,421
Filing Date: December 5, 2003
Group Art Unit: 1642
Examiner: Unassigned
For: IDENTIFICATION OF OLIGONUCLEOTIDES FOR THE
CAPTURE, DETECTION AND QUANTITATION OF
WEST NILE VIRUS

COMMUNICATION

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Sir:

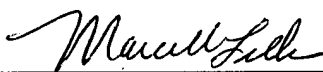
Upon reviewing the "Response to Notice to File Missing Parts of Nonprovisional Application," mailed to the PTO on October 5, 2004, it has been noted that the Customer Number associated with the above-identified patent application was incorrect. Therefore, we are resubmitting the "Power of Attorney to Prosecute Applications Before the USPTO" with the correct Customer Number, i.e., **000045857**.

Enclosed are the following documents:

1. CORRECTED: Power of Attorney to Prosecute Applications
Before the USPTO with Statement Under 37 CFR 3.73(b)
attached thereto.
2. Return postcard

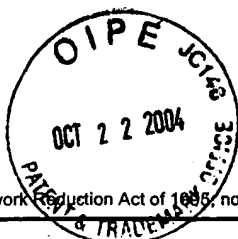
The Commissioner for Patents is hereby authorized to charge any additional fees (or credit any overpayment) associated with this communication and which may be required under 37 CFR 1.16 and 1.17 to Deposit Account No. 03-1664.

Respectfully submitted,

By: 
Marcella Lillis
Reg. No. 36,583

Date: October 19, 2004

CHIRON CORPORATION
Intellectual Property Dept.
4560 Horton Street
Emeryville, CA 94608-2916
Telephone: (510) 923-8406
Facsimile: (510) 655-3542



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PTO/SB/80 (09-04)
Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:

☒ Practitioners associated with the Customer Number:

000045857

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Assignee Name and Address:

CHIRON CORPORATION
INTELLECTUAL PROPERTY
P.O. BOX 8097
EMERYVILLE, CA 94662-8097

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

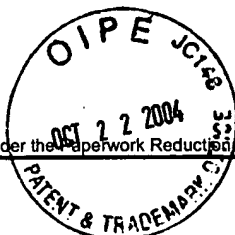
SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature	<i>Marcella Lillis</i>	Date	October 19, 2004
Name	Marcella Lillis	Telephone	510-923-8406
Title	Assistant Secretary		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PTO/SB/96 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

STATEMENT UNDER 37 CFR 3.73(b)

PP-20030.003

Applicant/~~Patent Owner~~ Venkatakrishna Shyamala

Application No./~~Patent No.~~ 10/729,421 Filed/~~Issue~~ Date: December 5, 2003

Entitled: Identification of Oligonucleotides for the Capture,
Detection and Quantitation of West Nile Virus

CHIRON CORPORATION, a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 015129, Frame 0708, or for which a copy thereof is attached.

OR

B ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Marcella Lillis

Signature

Marcella Lillis

Printed or Typed Name

Assistant Secretary

Title

October 19, 2004

Date

510-923-8406

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 15, 2004

PTAS



102706570A

CHIRON CORPORATION
MARCELLA LILLIS, REG. NO. 36,583
INTELLECTUAL PROPERTY DEPT., R-338
P.O. BOX 8097
EMERYVILLE, CA 94662-8097



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/23/2004

REEL/FRAME: 015129/0708
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

VENKATAKRISHNA, SHYAMALA

DOC DATE: 03/18/2004

ASSIGNEE:

CHIRON CORPORATION
4560 HORTON ST.
INTELLECTUAL PROPERTY DEPT., R-338
EMERYVILLE, CALIFORNIA 94608-2916

SERIAL NUMBER: 10729421

FILING DATE: 12/05/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: IDENTIFICATION OF OLIGONUCLEOTIDES FOR THE CAPTURE, DETECTION AND QUANTITATION OF WEST NILE VIRUS

DOCKETED by 9/23/04 onw
Atty. ML PA
File # PP20030.003
Due Date EQPY ONLY
Final Date DO NOT FORWARD

TO
ASSIGNMENT BRANCH

015129/0708 PAGE 2

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
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03-29-2004

Form PTO-1595
(Rev. 03/01) **3.25.04**
OMB No. 0651-0027 (exp. 5/31/2002)



U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

102706570

Chiron Docket No. PP20030.003

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): **3.25.04**
Inventor's Name: **VENKATAKRISHNA, Shyamala**
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

2. Name and address of receiving party(ies)
Name:
Chiron Corporation
Intellectual Property Dept., R-338
4560 Horton St.
Emeryville, Ca., 94608-2916
USA

Additional name(s) & address(es) attached? ☐ Yes ☒ NoExecution Date: **March 18, 2004**

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/729,421

B. Patent Registration No.(s)

Additional number(s) attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

CHIRON CORPORATION
Intellectual Property Dept., R-338
P.O. Box 8097
Emeryville, CA 94662-8097

6. Total number of applications and patents involved ☒

7. Total fee (37 CFR 3.41)..... \$40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account,

8. Deposit account number: **03-1664**

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Marcella Lillis, Reg. No. **36,583**
Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **3**

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patent & Trademarks, Box Assignments
Washington, D.C. 20231

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23rd day of **March**, 2004

By: _____

Nancy L. Swanson

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ASSIGNMENT

WHEREAS, I, **VENKATAKRISHNA SHYAMALA**, hereinafter referred to as **ASSIGNOR**, have invented certain improvements as described and set forth in the below-identified provisional application for United States Letters Patent:

Title of Invention: IDENTIFICATION OF OLIGONUCLEOTIDES FOR THE
CAPTURE, DETECTION AND QUANTITATION OF WEST
NILE VIRUS

Date of Execution: March 18, 2004

Filing Date: December 5, 2003

Serial No: 10/729,421

WHEREAS, **CHIRON CORPORATION**, located at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNOR** by **ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNOR** has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. § 119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNOR** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR also agrees that the U.S. serial number and the filing date may be entered above by **ASSIGNEE** or its agents upon designation of the serial number and the filing date by the U.S. Patent and Trademark Office.

ASSIGNOR further agrees that she will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

IN TESTIMONY WHEREOF, **ASSIGNOR** has hereunto signed her name to this assignment on the date indicated below.

INVENTOR: VENKATAKRISHNA SHYAMALA

DATE 03/18/04

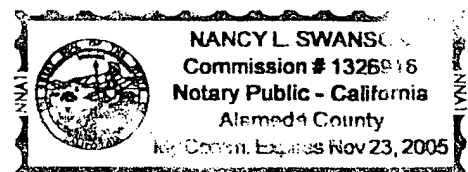
Venkatakrishna Shyamala
Signature

State of California
County of Alameda

On 3/18/04 before me, Nancy L. Swanson, Notary Public, personally appeared Venkatakrishna Shyamala, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Nancy L. Swanson
Signature of Notary Public



Notary Seal